



SAFETY DATA SHEET

SECTION 1: PRODUCT IDENTIFICATION

Product Name: K Buffer
Gator Part Number: 120072 – 1000 mL
Unit of Measure: Bottle (1000 mL)
Recommended Use: For research and development use only. Not for human consumption or therapeutic use.
Manufacturer/Supplier: Gator Bio, 2455 Faber Place, Palo Alto, CA 94303 USA
Phone: 1-855-208-0743

SECTION 2: HAZARDS IDENTIFICATION

GHS Classification: This product is not classified as hazardous according to the Globally Harmonized System (GHS). It is a non-hazardous biological material.
Other Hazards: May cause allergic reactions in individuals sensitive to bovine proteins.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixture: Mixture

Chemical Name	CAS Number	EC Number	Concentration (%)	Hazard Classification
Phosphate Buffer Saline	N.A.	N.A.	~99%	Not classified as hazardous

SECTION 4: FIRST-AID MEASURES

General Information: No special first-aid measures are required under normal conditions of use.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media: Non-flammable. Use extinguishing media appropriate for the surrounding fire.

Unsuitable Extinguishing Media: Not applicable.

Specific Hazards Arising from the Chemical: Product is non-combustible and does not present a fire hazard.
Special Protective Equipment and Precautions: No special protective equipment is needed for the product itself.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Handle with standard good laboratory practices.
Environmental Precautions: Not an environmental hazard.

SECTION 7: HANDLING AND STORAGE

Personal Precautions: Wear a lab coat, safety glasses, and gloves.
Conditions for Safe Storage: Store refrigerated at 2-8°C unless otherwise specified.

SECTION 8: EXPOSURE CONTROL / PERSONAL PROTECTION

Precautions for Safe Handling: Handle with standard good laboratory practices.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear to slightly opalescent, colorless to pale yellow liquid.
Odor: None.
Odor Threshold: Not applicable.
Flammability: Not flammable.
Solubility: Not applicable.



SECTION 10: STABILITY AND REACTIVITY

Reactivity:	Stable under recommended storage conditions.
Incompatible Materials:	None known.
Hazardous Decomposition Products:	None known.

SECTION 11: TOXICOLOGICAL INFORMATION

Toxicity:	This product is not considered toxic.
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SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:	It is not harmful to the environment.
Persistence and Degradability:	This product is biodegradable.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Treatment Methods:	Dispose of in accordance with all local, state, and national regulations. The solution can typically be disposed of down the drain with a large amount of water, unless specified otherwise by local law
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SECTION 14: TRANSPORT INFORMATION

Transport:	Not regulated as hazardous material.
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SECTION 15: REGULATORY INFORMATION

Regulation:	This product is not classified as hazardous and is not subject to specific regulatory requirements.
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SECTION 16: OTHER INFORMATION

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